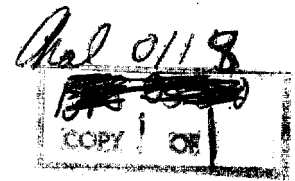



~~SECRET~~Copy 3 of 6To: 25X1A
WRSP-2

5 May 1958

From: 

Info: Headquarters (without enclosure)

Subj: Explanatory Notes to CMCC 276X5.53-2

25X1A
A copy of an extract from a field report submitted by one of our engineers,  is attached to this letter. The extract describes a defective condition in a System 3 receiver and an apparent solution to the problem.

The difficulty described in the report has been verified at the factory, and the solution described is valid.

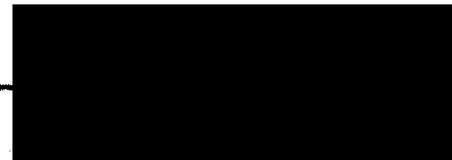
Approximately one year ago the Inspection Section of the Production Department was having difficulty making the crystals oscillate. The feedback transformer L514 on the 02 board was originally designed with a 2-turn secondary. This secondary winding was increased to three turns and all crystals would oscillate in the modified circuit. The addition of the extra turn to the feedback transformer also causes spurious oscillations and erratic gating that were not noticed at the time the circuit modification was completed.

Please check all System 3's and make certain that the transformer L514 has only two turns on the secondary.

25X1A

PWA:hcp

Encl. 1 - CMCC 276X5.53-2



DOCUMENT NO. _____
NO CHANGE IN CLASS. ☐
CLASS. CHANGED TO: TS S ☒
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**This document contains information
referring to Project GHALICE**

25X1A9a

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